



[illegible]

```
0001 0 XTITLE 'SMG$MAP_TERM_TABLE - Map Termtable.exe as a global section'
0002 0 MODULE SMG$MAP_TERM_TABLE (
0003 0     MAIN = SMG$MAP_TERM_TABLE,
0004 0     IDENT = '1-001' ! File: SMGMAPTRM.B32 Edit: PLL1001
0005 0 ) =
0006 1 BEGIN
0007 1
0008 1 *****
0009 1 *
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0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY:      Screen Management
0033 1
0034 1 ABSTRACT:
0035 1
0036 1     This module maps TERMTABLE.EXE as a global section.
0037 1
0038 1 ENVIRONMENT:  User mode, Shared library routines.
0039 1
0040 1 AUTHOR: P. Levesque, CREATION DATE: 9-Nov-1983
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1     1-001 - Original.  PLL 9-Nov-1983
0045 1 --
0046 1
```



```
48      0047 1 XSBTTL 'Declarations'
49      0048 1
50      0049 1 SWITCHES:
51      0050 1
52      0051 1
53      0052 1
54      0053 1 LINKAGES:
55      0054 1
56      0055 1 NONE
57      0056 1
58      0057 1 INCLUDE FILES:
59      0058 1
60      0059 1
61      0060 1 REQUIRE 'SRC$:SMGPROLOG';           ! defines psects, macros, etc.
62      0138 1
63      0139 1 LIBRARY 'RTLML:SMGTPALIB';         ! definitions for TERMTABLE
64      0140 1
65      0141 1
66      0142 1 TABLE OF CONTENTS:
67      0143 1
68      0144 1
69      0145 1 FORWARD ROUTINE
70      0146 1
71      0147 1 SMG$MAP_TERM_TABLE : NOVALUE;      ! map Termtable.exe as a global section
72      0148 1
73      0149 1
74      0150 1 MACROS:
75      0151 1
76      0152 1
77      0153 1
78      0154 1 EQUATED SYMBOLS:
79      0155 1
80      0156 1
81      0157 1
82      0158 1 FIELDS:
83      0159 1
84      0160 1 NONE
85      0161 1
86      0162 1 PSECTS:
87      0163 1
88      0164 1
89      0165 1
90      0166 1 STRUCTURES:
91      0167 1
92      0168 1
93      0169 1
94      0170 1
95      0171 1 OWN STORAGE:
96      0172 1
97      0173 1
98      0174 1 NONE
99      0175 1
100     0176 1
101     0177 1 EXTERNAL REFERENCES:
102     0178 1
103     0179 1 EXTERNAL LITERAL
104     0180 1 SMG$_GBLNOTCRE,           ! global section not created
```

SMG\$MAP\_TERM\_TA 1-001 SMG\$MAP\_TERM\_TABLE - Map Termtable.exe as a glo  
Declarations

D 3  
16-Sep-1984 00:51:37  
14-Sep-1984 13:09:53

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[SMGRTL.SRC]SMGMAPTRM.B32;1

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: 105 0181 1 SMG\$\_DELEXIGBL; ! delete existing global section  
: 106 0182 1

```

108 0183 1 %SBTTL 'SMG$MAP TERM TABLE - Map Termtable.exe'
109 0184 1 GLOBAL ROUTINE SMG$MAP_TERM_TABLE : NOVALUE =
110 0185 1 ++
111 0186 1 FUNCTIONAL DESCRIPTION:
112 0187 1
113 0188 1     This routine maps TERMTABLE.EXE as a global section.
114 0189 1
115 0190 1
116 0191 1 FORMAL PARAMETERS:
117 0192 1
118 0193 1     NONE
119 0194 1
120 0195 1 IMPLICIT INPUTS:
121 0196 1
122 0197 1     NONE
123 0198 1
124 0199 1 IMPLICIT OUTPUTS:
125 0200 1
126 0201 1     NONE
127 0202 1
128 0203 1 COMPLETION STATUS:
129 0204 1
130 0205 1     Errors from $OPEN, $CRMPSC may be signalled
131 0206 1     SMG$_GBLNOTCRE      global section not created
132 0207 1     SMG$_DELEXIGBL     delete existing global section and retry
133 0208 1
134 0209 1 SIDE EFFECTS:
135 0210 1
136 0211 1     NONE
137 0212 1 --
138 0213 2 BEGIN
139 0214 2 LOCAL
140 0215 2     OPEN_STATUS,      ! status ret'd by $OPEN
141 0216 2     MAP_STATUS,      ! status ret'd by $CRMPSC
142 0217 2     REQ_ADDR : VECTOR [2] INITIAL (XX'200', XX'200'),
143 0218 2     ! input address to $CRMPSC
144 0219 2     ACTUAL_ADDR : VECTOR [2], ! ret'd address from $CRMPSC
145 0220 2     GBL_NAME_DESC : BLOCK [8, BYTE], ! desc for global section name
146 0221 2     TERM_TAB_FAB : $FAB (FAC = GET, SHR = GET, FOP = UFO,
147 0222 2     ! FNM = 'TERMTABLE.EXE');
148 0223 2     ! FAB for TERMTABLE.EXE
149 0224 2
150 0225 2 ++
151 0226 2 Open the file to get a channel.
152 0227 2 --
153 0228 2
154 0229 2 IF NOT (OPEN_STATUS = $OPEN (FAB = TERM_TAB_FAB))
155 0230 2 THEN
156 0231 2     SIGNAL_STOP (.OPEN_STATUS, .TERM_TAB_FAB [FAB$L_STV]);
157 0232 2
158 0233 2 ++
159 0234 2 Map it as a global section.
160 0235 2 --
161 0236 2
162 0237 2 GBL_NAME_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
163 0238 2 GBL_NAME_DESC [DSC$B_CLASS] = DSC$K_CLASS_S;
164 0239 2 GBL_NAME_DESC [DSC$W_LENGTH] = %CHARCOUNT ('SMG$TERMTABLE');
  
```



```

.ASCII I \TERMTABLE.EXE\
.BKKB 3
.BYTE 3
.BYTE 80
.WORD 0
.LONG 131072
.LONG 0
.LONG 0
.LONG 0
.WORD 0
.BYTE 2
.BYTE 2
.LONG 0
.BYTE 0
.BYTE 0
.BYTE 0
.BYTE 2
.LONG 0
.LONG 0
.LONG 0
.ADDRESS P.AAA

```

```
; Routine Size: 136 bytes,   Routine Base: _SMG$CODE + 0070
```



SMG\$MAP\_TERM\_TA  
1-001

SMG\$MAP\_TERM\_TABLE - Map Termtable.exe as a glo  
SMG\$MAP\_TERM\_TABLE - Map Termtable.exe

H 3

16-Sep-1984 00:51:37  
14-Sep-1984 13:09:53

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[SMGRTL.SRC]SMGMAPTRM.B32;1

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: 194  
: 195

0268 1  
0269 0

END  
ELUDOM

! end of module SMG\$MAP\_TERM\_TABLE

.EXTRN LIB\$SIGNAL, LIB\$STOP

PSECT SUMMARY

Name

Bytes

Attributes

: \_SMG\$CODE

248 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	37	0	581	00:01.0
\$255\$DUA28:[SMGRTL.OBJ]RTLLIB.L32;1	36	0	0	8	00:00.1
\$255\$DUA28:[SMGRTL.OBJ]SMGLIB.L32;1	469	0	0	38	00:00.4
\$255\$DUA28:[SMGRTL.OBJ]SMGTPALIB.L32;1	41	0	0	10	00:00.1

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:SMGMAPTRM/OBJ=OBJ\$:SMGMAPTRM MSRC\$:SMGMAPTRM/UPDATE=(ENH\$:SMGMAPTRM)

: Size: 136 code + 112 data bytes

: Run Time: 00:06.0

: Elapsed Time: 00:26.2

: Lines/CPU Min: 2703

: Lexemes/CPU-Min: 23226

: Memory Used: 75 pages

: Compilation Complete



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